

ABSTRACT OF THE DISCLOSURE

An electroluminescent device using an inorganic phosphor configured to
5 produce electroluminescence from the recombination of injected holes and
injected electrons is disclosed. A controllable hole injection structure in contact
with the inorganic phosphor controls a rate of hole injection into the inorganic
phosphor based on a first applied control voltage. A controllable electron
injection structure in contact with the inorganic phosphor and separated from the
10 controllable hole injection structure controls a rate of electron injection into the
inorganic phosphor based on a second applied control voltage.

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